

**Steve Sisolak**  
*Governor*



**Richard Whitley**  
*Director*

# State of Nevada Department of Health and Human Services

---

Update Concerning the Status of COVID-19 in Nevada

Kyra Morgan, MS, State Biostatistician



10/29/2020

*Helping people. It's who we are and what we do.*



*(intentionally left blank, for printing)*

# COVID-19 By The Numbers

## COVID-19 (Coronavirus) in Nevada

For questions, please contact the DHHS Office of Analytics by emailing [data@dhhs.nv.gov](mailto:data@dhhs.nv.gov).

Data are as of 10/28/2020

**Current Status** indicators are summarized below. Due to reporting delay, testing measures are considered over a 14-day period with a 7-day lag. This means that the most recent 7-day period is not included in the evaluation period to account for data completeness. Daily new cases and deaths are displayed as 14-day moving averages. Cases and deaths per 100,000 are displayed for the most recent 30-day period and cumulatively. In the maps below, counties with higher rates are shaded darker.

### Cases

571

14-day rolling average  
cases daily

511

cases per 100,000  
over the last 30 days

97,479

cumulative cases

3,006

cumulative cases per  
100,000



### Deaths

4

14-day rolling average  
deaths daily

5

deaths per 100,000  
over the last 30 days

1,766

cumulative deaths

56

cumulative deaths per  
100,000



### Testing

255

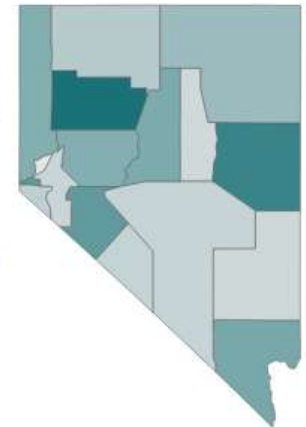
tests/day per 100,000  
over the last 14 days

10.1%

test positivity rate  
over the last 14 days

1,227,689

cumulative tests



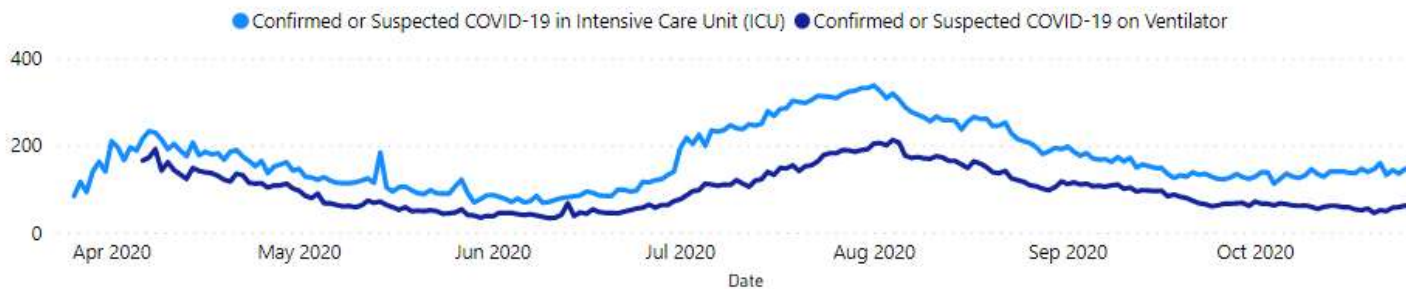
Nevada continues to see a significant increasing trend in new cases.  
This increase has been taking place since mid-September.

# COVID-19 By The Numbers

Confirmed and Suspected Hospitalizations



Confirmed and Suspected Intensive Care Unit (ICU) and Ventilator Utilization



Percent Change in Hospitalizations

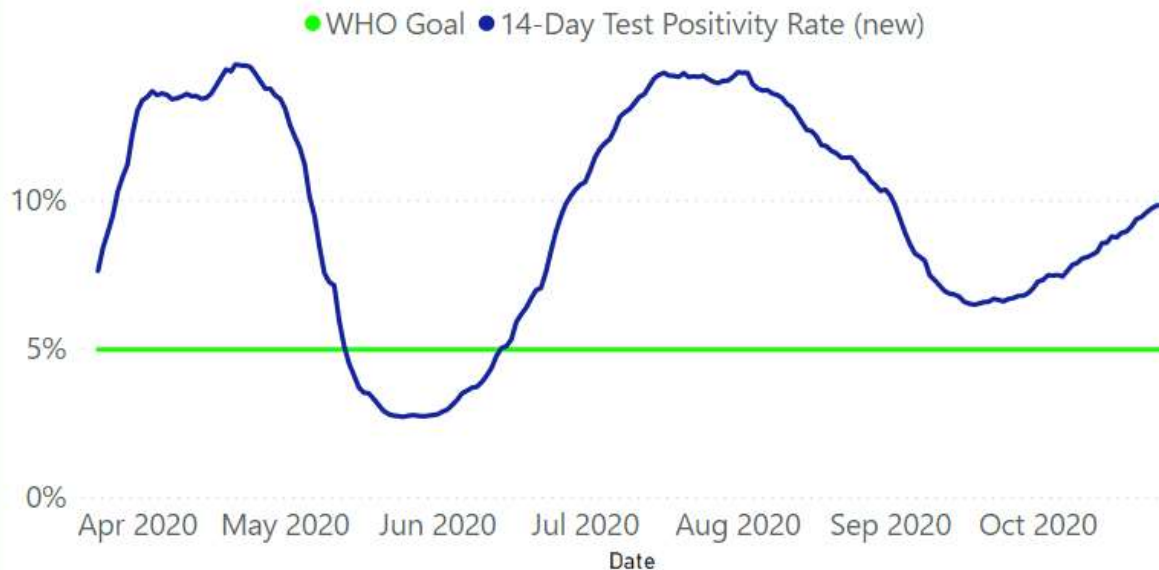
Date	Confirmed	Confirmed + Suspected
10/27/2020	-1.1%	-0.5%
10/26/2020	4.0%	7.0%
10/25/2020	4.9%	-1.8%
10/24/2020	-3.6%	0.6%
10/23/2020	1.8%	9.1%
10/22/2020	2.3%	-5.2%
10/21/2020	0.2%	-2.8%
10/20/2020	2.4%	5.7%
10/19/2020	2.7%	4.3%
10/18/2020	7.4%	5.7%
10/17/2020	-5.8%	-8.7%
10/16/2020	0.8%	7.2%
10/15/2020	-0.8%	-3.5%
10/14/2020	0.0%	0.0%
10/13/2020	1.5%	-3.8%
10/12/2020	2.9%	-0.8%
10/11/2020	1.3%	-5.4%
10/10/2020	2.2%	3.7%

Hospitalizations have been stable since mid-September.



# COVID-19 By The Numbers

14-Day Test Positivity Rate and WHO Goal by Specimen Collection Date



**10.1%**  
test positivity rate  
over the last 14 days

Percent Change

Date	14-day Test Positivity Rate	Percent Change
10/27	10.1%	2.3%
10/26	9.9%	0.2%
10/25	9.8%	1.1%
10/24	9.7%	1.3%
10/23	9.6%	1.6%
10/22	9.5%	0.7%
10/21	9.4%	2.7%
10/20	9.1%	1.9%
10/19	9.0%	0.4%
10/18	8.9%	1.8%
10/17	8.8%	-0.4%
10/16	8.8%	2.4%

Statewide positivity rates have been increasing since mid-September, at 10.1% for the current evaluation period.



# COVID-19 Testing Turnaround

Median Time from Specimen Collection to Report, By County and Lab									
	CPL	LABCORP	NSPHL	Other	QUEST	RRMC	SOUTHERN	UMC	Total
Carson City	-	2	4	2	3	1	6	2	4
Churchill	-	2	4	5	7	1	-	1	3
Clark	3	2	6	3	3	1	3	2	2
Douglas	-	2	4	2	3	1	-	1	3
Elko	-	2	5	2	4	3	4	1.5	4
Esmeralda	-	4	-	3	4	1	3	1.5	3
Eureka	-	3	5	4.5	-	1	-	2	3
Humboldt	-	2	5	4	3	1	-	2	4
Lander	-	2	5	2	-	1	-	-	5
Lincoln	-	2	6.5	2	4	-	4.5	1	4
Lyon	-	2	4	2	3	1	3	2	2
Mineral	-	3	4	2	4	1	1	-	4
Nye	2	2	5	2	3	1	3	2	2
Pershing	-	2	5	1	3	1	-	-	5
Storey	-	2	3	1	3	1	-	-	2
Washoe	2	2	3	4	3	1	3	2	2
White Pine	-	2	7	1	4	1	2	1.5	4
Total	3	2	4	3	3	1	3	2	2

For specimens collected since September 1<sup>st</sup>, it has taken approximately 2 days after specimen collection for results to be reported.

Differences across different counties and laboratories are displayed in the table above.





# COVID-19 County Tracker

Data as of 10/19/2020

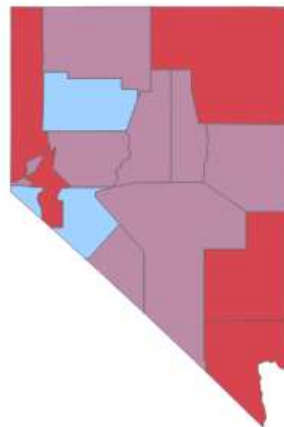
**County Tracker:** Nevada's counties are diverse in so many ways and have been impacted by COVID-19 differently. In order to ensure that each county is assessed for elevated disease transmission this tracker will be updated daily. Monday snapshots are used for discussion in COVID-19 Mitigation and Management Task Force meetings. **A county is flagged for elevated disease transmission if it meets two of the three criteria:**

**1. Average number of tests per day (per 100,000) < 100.**

The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. Counties that average fewer than 100 tests per day will meet this criterion.

**2. Cases (per 100,000) > 200.** The total number of cases diagnosed and reported over a 30-day period divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Counties with a case rate greater than 200 per 100,000 will meet this criterion.

**3. Cases (per 100,000) > 50 AND testing positivity > 8.0%.** The total number of positive molecular tests divided by the total number of molecular tests conducted. This number is then multiplied by 100 to get a percentage. Due to reporting delay (which may be different between positive and negative tests), this is reported over a 14-day period with a 7-day lag. Counties with a test positivity > 8.0% paired with case rate greater than 50 per 100,000 will meet this criterion.



Map shading is based on the number of criteria met. Hover your cursor over a county to display more data.

County	Average Number of Tests per Day per 100,000 (14-day average with 7-day lag)	Cases per 100,000 (last 30 days)	Test Positivity (14-day with 7-day lag)
Carson City	306	424	6.8%
Churchill	345	236	3.0%
Clark	215	421	8.6%
Douglas	145	179	5.1%
Elko	234	396	8.2%
Esmeralda	44	0	0.0%
Eureka	36	0	0.0%
Humboldt	97	182	7.4%
Lander	340	400	6.0%
Lincoln	154	327	10.7%
Lyon	110	231	11.4%
Mineral	113	22	0.0%
Nye	51	74	4.6%
Pershing	521	57	0.8%
Storey	42	22	3.8%
Washoe	260	545	8.5%
White Pine	435	378	3.4%



# COVID-19 County Tracker

Data as of 10/26/2020

**County Tracker:** Nevada's counties are diverse in so many ways and have been impacted by COVID-19 differently. In order to ensure that each county is assessed for elevated disease transmission this tracker will be updated daily. Monday snapshots are used for discussion in COVID-19 Mitigation and Management Task Force meetings.

**A county is flagged for elevated disease transmission if it meets two of the three criteria:**

**1. Average number of tests per day (per 100,000) < 100.**

The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. Counties that average fewer than 100 tests per day will meet this criterion.

**2. Cases (per 100,000) > 200.** The total number of cases diagnosed and reported over a 30-day period divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Counties with a case rate greater than 200 per 100,000 will meet this criterion.

**3. Cases (per 100,000) > 50 AND testing positivity > 8.0%.**

The total number of positive molecular tests divided by the total number of molecular tests conducted. This number is then multiplied by 100 to get a percentage. Due to reporting delay (which may be different between positive and negative tests), this is reported over a 14-day period with a 7-day lag. Counties with a test positivity > 8.0% paired with case rate greater than 50 per 100,000 will meet this criterion.



Map shading is based on the number of criteria met. Hover your cursor over a county to display more data.

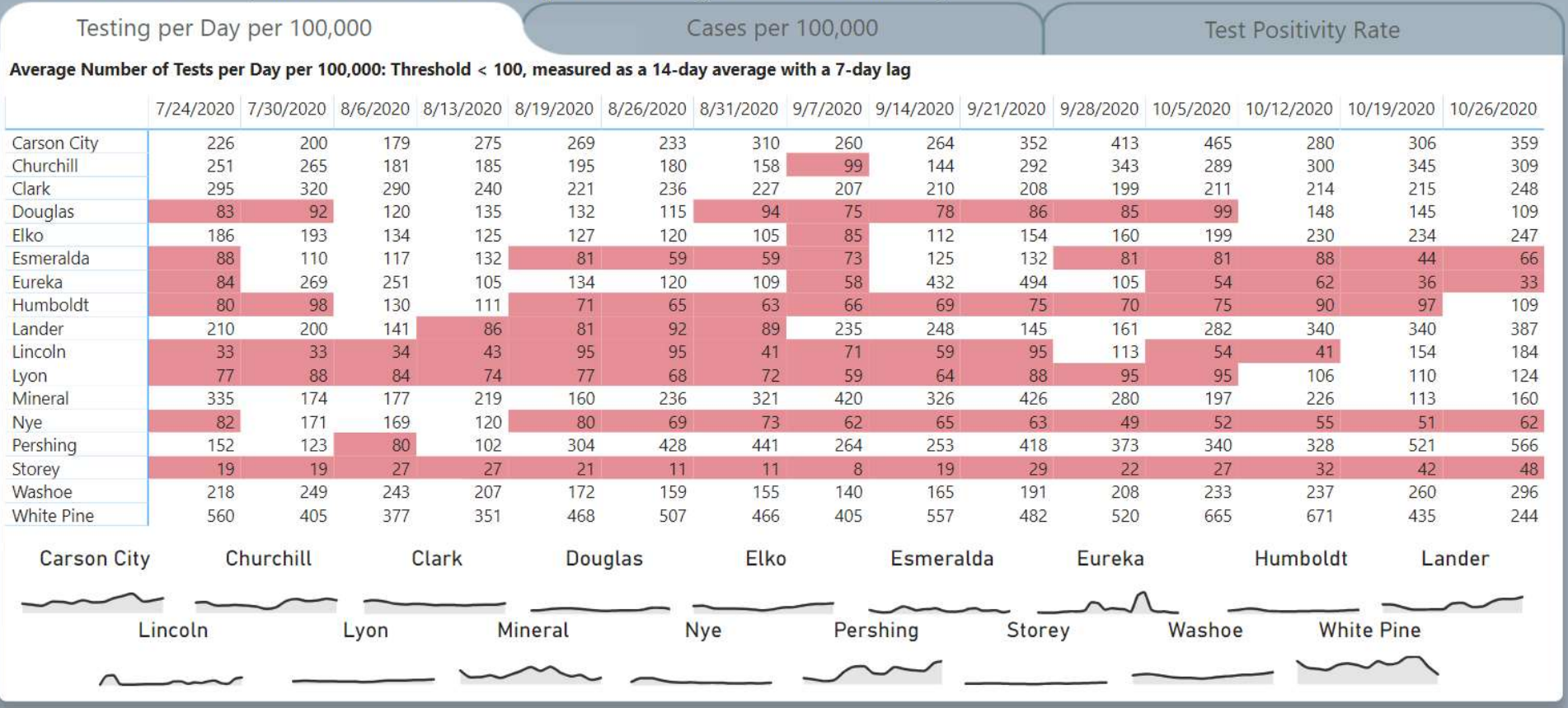
County	Average Number of Tests per Day per 100,000 (14-day average with 7-day lag)	Cases per 100,000 (last 30 days)	Test Positivity (14-day with 7-day lag)
Carson City	359	555	8.1%
Churchill	309	290	3.7%
Clark	248	490	9.2%
Douglas	109	197	6.9%
Elko	247	513	10.3%
Esmeralda	66	0	0.0%
Eureka	33	0	0.0%
Humboldt	109	211	12.3%
Lander	387	517	6.2%
Lincoln	184	346	13.4%
Lyon	124	276	8.2%
Mineral	160	241	7.8%
Nye	62	170	10.6%
Pershing	566	86	0.9%
Storey	48	67	3.3%
Washoe	296	612	9.1%
White Pine	244	406	5.5%



# COVID-19 County Tracker

## Testing per day per 100,000:

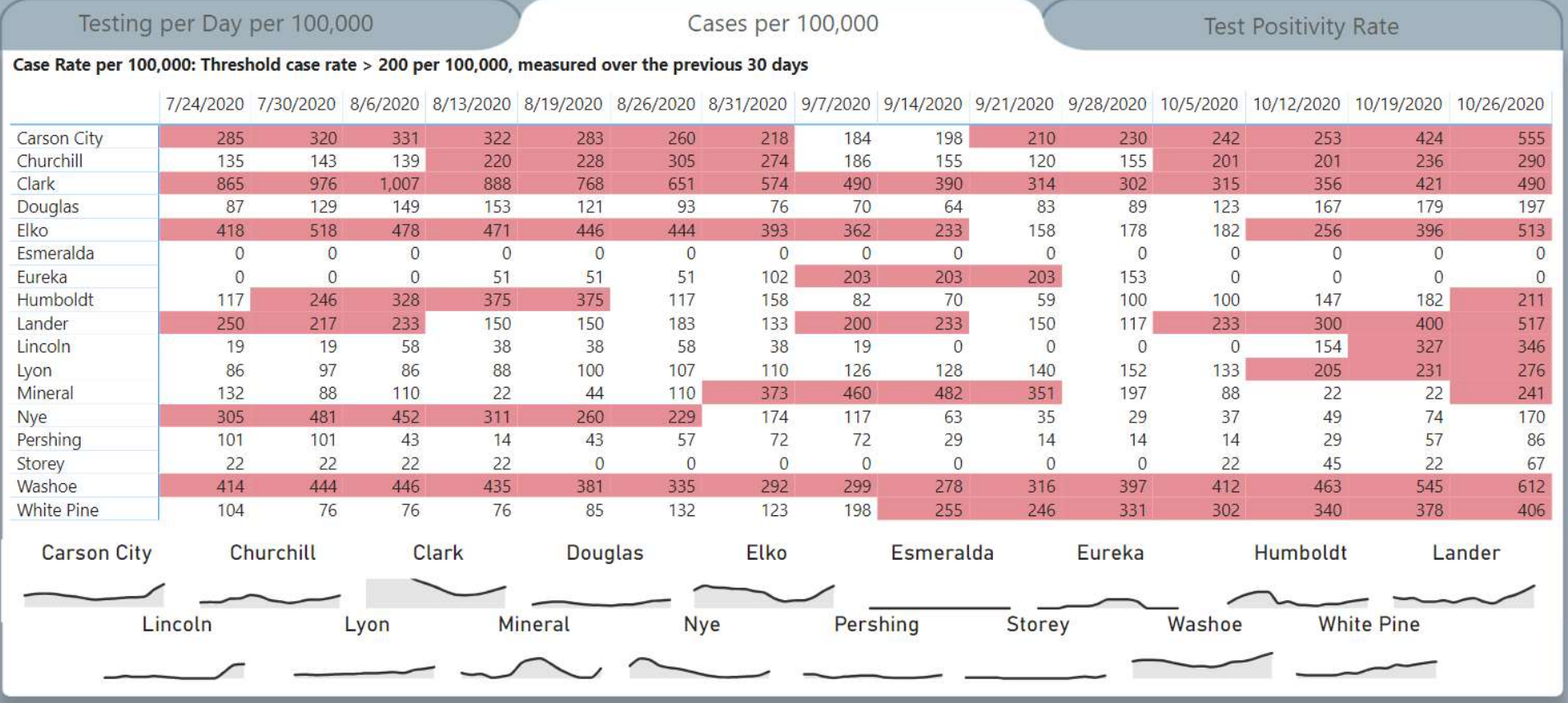
Data trended below correspond to the most recent 15 Mitigation and Management Task Force meetings.



# COVID-19 County Tracker

## Case Rate per 100,000:

Data trended below correspond to the most recent 15 Mitigation and Management Task Force meetings.

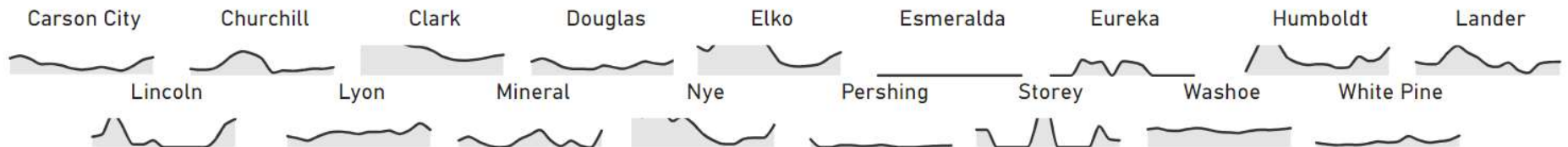


# COVID-19 County Tracker

## Test Positivity Rate:

Data trended below correspond to the most recent 15 Mitigation and Management Task Force meetings.

Testing per Day per 100,000					Case Rate per 100,000					Test Positivity Rate					
Test Positivity Rate: Threshold > 8%, measured over a 14-day period with a 7-day lag															
	7/24/2020	7/30/2020	8/6/2020	8/13/2020	8/19/2020	8/26/2020	8/31/2020	9/7/2020	9/14/2020	9/21/2020	9/28/2020	10/5/2020	10/12/2020	10/19/2020	10/26/2020
Carson City	7.6%	8.8%	7.3%	4.8%	5.0%	4.3%	2.8%	2.2%	2.6%	3.5%	2.5%	1.8%	3.8%	6.8%	8.1%
Churchill	3.0%	2.5%	2.7%	4.9%	8.7%	10.7%	9.8%	7.5%	1.3%	2.2%	2.0%	2.4%	3.0%	3.0%	3.7%
Clark	17.0%	17.1%	16.1%	15.5%	14.6%	13.0%	12.6%	11.2%	8.6%	7.1%	6.7%	6.9%	7.6%	8.6%	9.2%
Douglas	6.2%	7.6%	6.2%	3.8%	3.0%	2.9%	2.8%	4.4%	3.7%	3.0%	4.4%	6.2%	5.5%	5.1%	6.9%
Elko	13.0%	11.0%	15.0%	15.1%	14.8%	16.8%	17.9%	12.6%	6.2%	4.4%	4.0%	4.4%	5.2%	8.2%	10.3%
Esmeralda	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Eureka	0.0%	0.0%	0.0%	6.9%	5.4%	6.1%	0.0%	6.3%	5.9%	4.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Humboldt	1.9%	11.4%	19.0%	15.4%	8.2%	5.8%	4.7%	5.1%	4.8%	3.4%	3.6%	8.4%	6.5%	7.4%	12.3%
Lander	6.0%	5.1%	5.1%	9.7%	13.2%	10.4%	8.0%	4.6%	3.8%	5.7%	2.2%	1.3%	5.3%	6.0%	6.2%
Lincoln	5.0%	6.3%	16.0%	9.7%	1.4%	1.4%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	10.7%	13.4%
Lyon	5.3%	4.3%	3.2%	5.2%	6.9%	7.4%	7.1%	6.3%	7.4%	7.3%	7.9%	6.3%	8.2%	11.4%	8.2%
Mineral	3.2%	5.0%	2.7%	0.7%	0.0%	0.7%	3.9%	6.0%	8.2%	3.3%	0.6%	3.2%	0.7%	0.0%	7.8%
Nye	19.8%	14.3%	17.0%	17.2%	12.4%	14.7%	11.4%	6.4%	3.4%	1.6%	1.5%	4.0%	4.5%	4.6%	10.6%
Pershing	3.8%	0.0%	0.0%	1.0%	1.0%	0.5%	0.7%	1.2%	0.4%	0.0%	0.0%	0.3%	0.6%	0.8%	0.9%
Storey	8.3%	8.3%	0.0%	0.0%	0.0%	0.0%	14.3%	20.0%	0.0%	0.0%	0.0%	0.0%	10.0%	3.8%	3.3%
Washoe	8.5%	9.0%	8.0%	7.8%	8.7%	9.1%	8.3%	7.3%	7.0%	6.9%	7.8%	8.4%	8.2%	8.5%	9.1%
White Pine	2.2%	1.5%	1.1%	1.3%	1.2%	1.7%	2.7%	2.3%	2.7%	5.3%	3.5%	2.2%	2.8%	3.4%	5.5%





# Discussion